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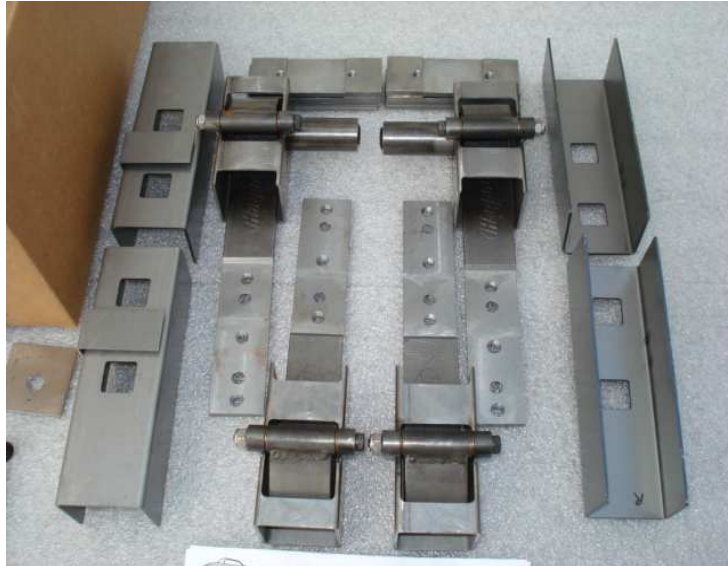
Suicide Door System-Master Install Guide

PURPOSE OF THE INSTALLATION GUIDELINES is to provide the technical background information needed for carrying out professional installation. Only a qualified service technician should install or service the car. Faulty installation or service may be dangerous and may invalidate any warranty which may apply to the car kit. End users should remember that the car kit comprises complex technical equipment that requires professional installation using special tools and expert know-how.

Instructions given in this guide are general guidelines which apply for the installation of the suicide door system in an automobile. However, due to the wide variety of car types and models available on the market, this guide cannot consider the individual technical requirements relevant for every particular vehicle. Contact the vehicle manufacturer for any additional detailed information about the vehicle in question.

Each Suicide Door System contains:

4x Suicide Door hinges
4x Suicide door hinge installation bracket kits
2x Bear Claw Latches
2x Bear Claw Latch installation kits
(Optional: Shaved Door kit and electronic actuators available)



(Note: Suicide door system for mid & small passenger vehicles.)

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(Note: Suicide door system for light trucks and suv's [latches shown here])



(Bear Claw latches : Exploded View.)

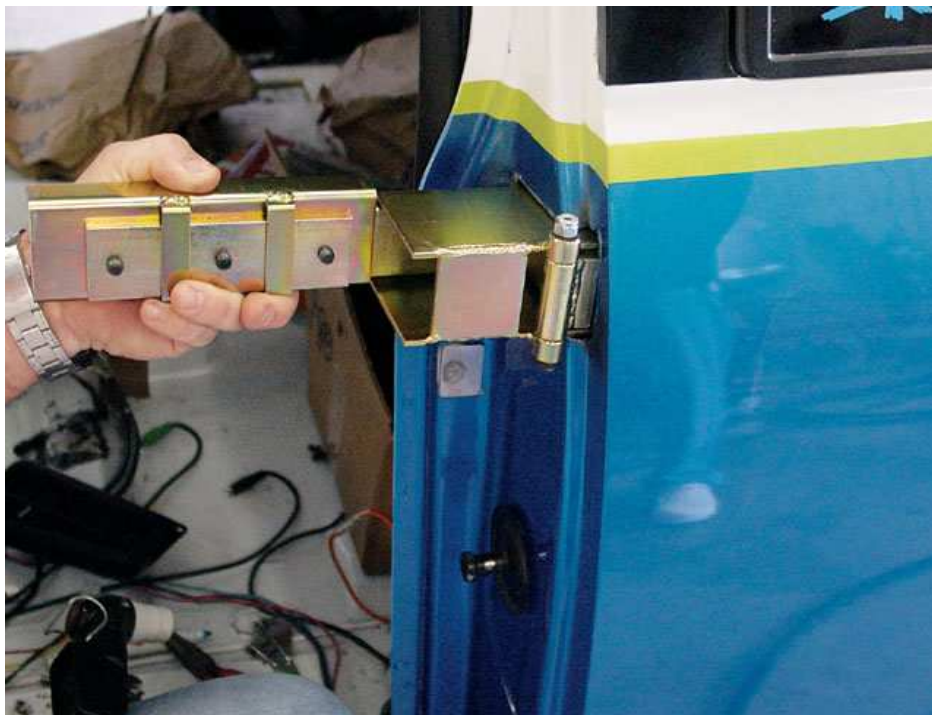
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To start off the install, remove the door panels, then the rear panels to gain access to all of the bolts that will have to be removed and the original latch mechanism. Also remove the windows and seals from both doors, but do not remove the factory hinges as they are used to keep the doors in line until you can measure for the new hinges



Now, it is time to locate where to put the new hinges. Aligned the hinges as close to the

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outside panel of the truck as you can without touching it. Remembered not to remove the factory hinges yet, so that you can keep checking for alignment.



With several measurements taken and templates drawn, the new hinge pockets are then cut.



After a test fitment, the hinges are tack-welded into place. Test by clamping a long straight edge to the top and bottom hinge and pivot them both to make sure they move

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squarely and without binding.



With the hinges tacked in place the door can be swung closed and marked where the new hinges hit the door. On these particular '88-'98 Chevy's, the hinges 14-3/4 inches from the center of the top bolt to the center of the bottom bolt. Each vehicle is different, and there may be different distances you will have to measure to get a place that is flat and will work for your particular vehicle

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Going to the door, Tack weld in the new hinge pockets to the door squarely. Test fit.



Next, weld in steel tubing to reinforce the door to overcome any possible weaknesses. Also, make sure the metal support installed does not interfere with any of the working

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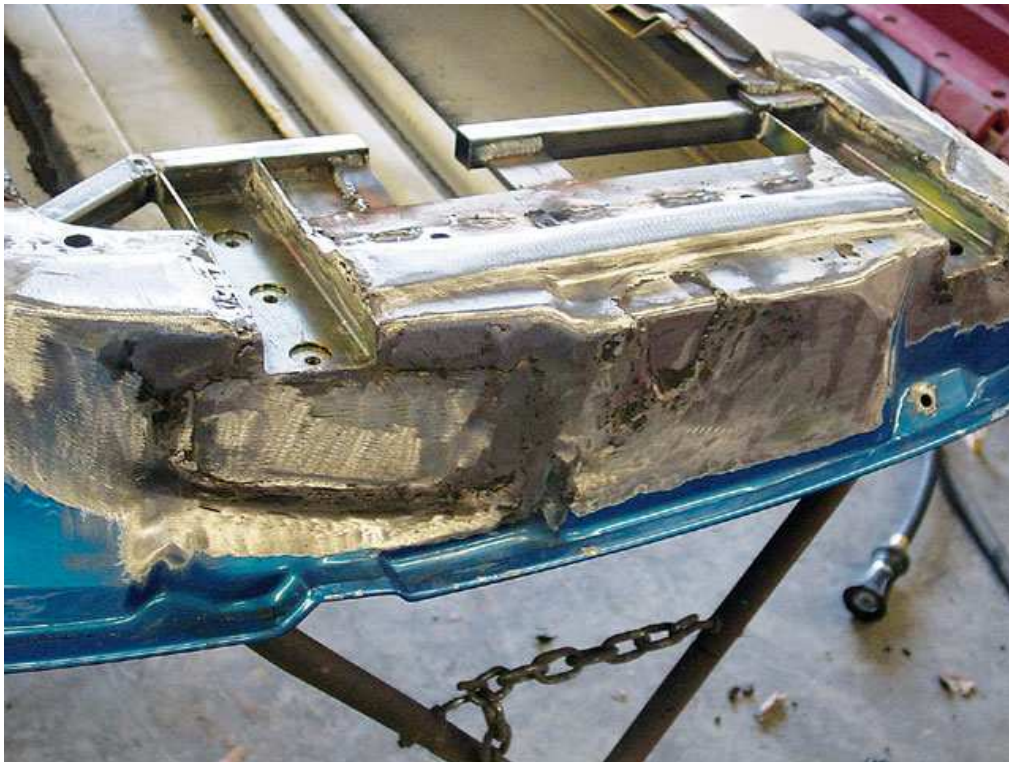
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parts of the door



This tubing gave the hinges some extra structural integrity



With the brackets secured in the door, welding and grinding is required to seal off the

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old holes in the doors where the original latches mounted



A cut-off wheel is used to cut out the hole in the body for the new Bear Claw latch in the door. Then remove the wires from the pillar post on the truck and locate a place to install the latch. Next, remove the door by knocking out the hinge pins or separating them on the door side. Then get ready to tack weld them, after checking for sagging and alignment to make sure that they are just the way you want them.

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At the other end of the door, the Bear Claw latch hole are now cut out, and then the new latches are tack welded into place. Test Fit.



After reinstalling the latch mechanisms in the Bear Claw latches, Final weld grind and smooth.

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Now, your ready for another quick test fitment to see how the door lines up. After Adjusting and sometimes lifting up on it a little to get it to line up properly, reinforce the supports to make the door perfect

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Next, your ready to find a location for the striker. Typically, a good location is where the boot is located for the wires running through the fender to the door. First thing's first, unbolt your factory hinges from the body side. If your vehicle has factory OEM welded door hinges then use a grinder or plasma cutter to burn off the factory hinges from the body.

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After taking careful measurements, by swinging the door shut and marking it, tack-weld the striker to the marked spot and checked it for fitment. On this particular vehicle, the striker is 15 inches from the bottom edge of the door to the center of the latch, and it's 3-1/8 inches from the inside shell of the door to the center of the latch. Once all of this is lined up and the door was shutting on the striker, it was time to weld it up solid. make sure that the door shuts tightly against the seal before welding and grinding all of the welds down and adding the body filler.



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It is time to fill in the rough edges from grinding the welds down.



Removing the fenders makes bodywork on the striker easier and everything is filled and sanded smooth.

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While doing the fender bodywork, smooth all of the hinge areas.

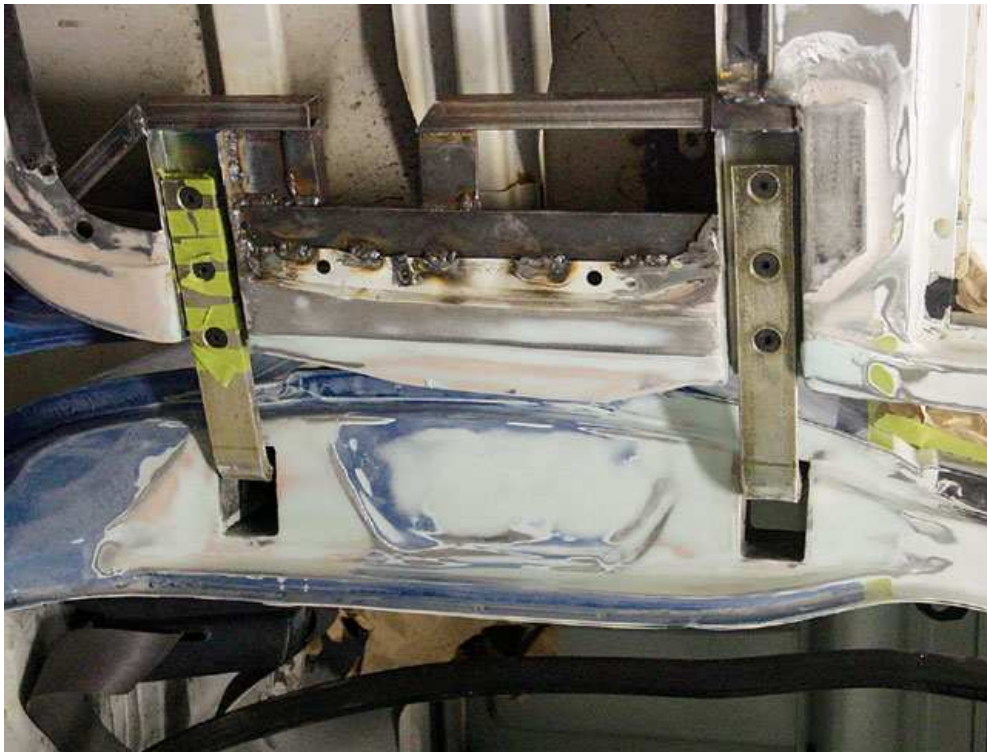
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Smooth the front side of the door after all of the metal fabrication

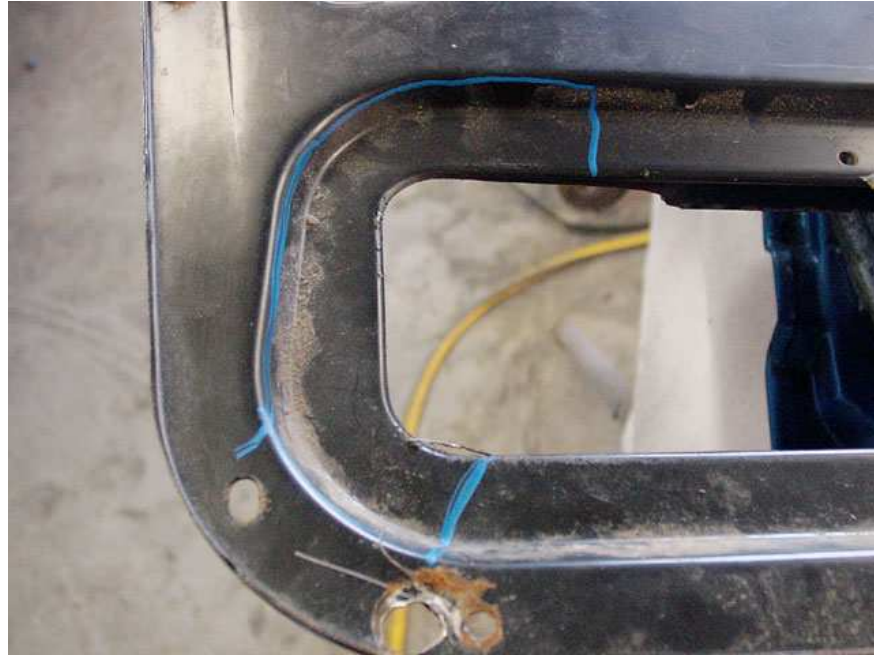


In final test assembly, the doors line perfectly, check for any desired adjustments to the finish body work.

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In this installation, before the inner door panel could be placed back on, a notch had to be made to clear the new hinge support system. Here, you can see the markings where the cut was made. These and similar adjustments are typical in any installation of this nature.



Exact measurements are the markings of professional installation. Next extended the wires for the power windows and runs them in the back of the door.

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To Activate the Bear Claw Latch two different methods are available. The first is reworking the vehicles existing inner door handle to latch armature into the bear claw latch release mechanism. The second is to purchase a shaved door conversion (sold separately) and install the solenoids to activate the latch mechanism. This also allows the option of shaving the existing door handles completely off.



Your doors are now stunning!

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